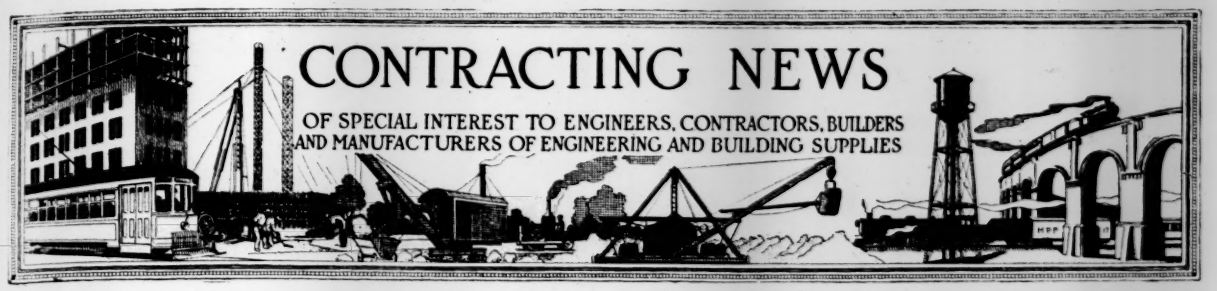
CONTRACTING NEWS
OF SPECIAL INTEREST TO ENGINEERS, CONTRACTORS, BUILDERS
AND MANUFACTURERS OF ENGINEERING AND BUILDING SUPPLIES

Proposals

For Proposals Advertised See Pages 47 to 50 Inclusive

WATER-WORKS

Bids Close		See Eng. News-Record
Dec. 27.	Eureka, Kan.	Dec. 20
Dec. 29.	Chanute, Kan.	Dec. 20
Jan. 3.	Tipton, Kan.	Dec. 20

SEWERS

Dec. 24.	West Park, O.	Dec. 13
Dec. 24.	Enid, Okla.	Dec. 20
Dec. 27.	Normal, Ill.	Dec. 20
Dec. 27.	Elizabeth, N. J.	Dec. 20
Dec. 27.	Pittsburgh, Pa.	Dec. 20
Dec. 27.	New York, N. Y.	Dec. 20
Dec. 30.	Rocky River, Ohio	Nov. 29
Jan. 3.	Union Grove, Wis.	Dec. 20
Jan. 7.	Westfield, N. J.	Dec. 20
Jan. 8.	Miami, Okla.	Dec. 20
Feb. 1.	Toledo, O.	Dec. 13

BRIDGES

Dec. 29.	Troy, N. Y. Adv. Dec. 13 and 20.	Dec. 13
Jan. 3.	Anoka, Minn.	Dec. 20
Jan. 4.	Richmond, Va.	Dec. 20
Jan. 8.	Salinas, Cal.	Dec. 13
Jan. 9.	Lodge Grass, Mont.	Dec. 20

STREETS AND ROADS

Dec. 24.	California	Dec. 13
Dec. 24.	Long Island City, N. Y.	Dec. 20
Dec. 26.	Newark, N. J.	Dec. 20
Dec. 26.	Riverside, Cal.	Dec. 20
Dec. 27.	Ft. Collins, Colo.	Dec. 20
Dec. 27.	Elizabeth, N. J.	Nov. 29
Dec. 27.	Ohio	Dec. 13
Dec. 27.	Atlantic City, N. J.	Dec. 13
Dec. 27.	New York, N. Y.	Dec. 20
Dec. 28.	Webster Springs, W. Va.	Dec. 13
Dec. 29.	Huntington, Ind.	Dec. 6
Dec. 31.	Bay Minette, Ala.	Dec. 6
Dec. 31.	California	Dec. 20
Jan. 2.	Alexandria, La.	Dec. 13
Jan. 4.	Richmond, Va.	Dec. 20
Jan. 7.	Pasco, Wash.	Dec. 20
Jan. 8.	Wenatchee, Wash.	Dec. 20
Jan. 8.	Oregon	Dec. 20

EXCAVATION AND DREDGING

Dec. 27.	Mason City, Ia.	Dec. 20
Dec. 31.	Glenwood, Minn.	Dec. 20
Jan. 3.	Sac City, Ia.	Dec. 20
Jan. 9.	Tuscola, Ill.	Dec. 20
Jan. 11.	Walker, Minn.	Dec. 20

Bids Close		See Eng. News-Record

INDUSTRIAL WORKS

Jan. 8.	Albany, N. Y. Adv. Dec. 20.	Dec. 20

BUILDINGS

Dec. 24.	Cleveland, Ohio	Dec. 6
Dec. 24.	Syracuse, N. Y.	Dec. 13
Dec. 24.	Lima, O.	Dec. 20
Dec. 26.	Taft, Cal.	Dec. 20
Dec. 27.	New York, N. Y.	Dec. 20
Dec. 27.	Phila., Pa. Adv. Dec. 20.	Dec. 20
Dec. 27.	Greycourt, N. Y.	Dec. 20
Dec. 30.	St. Cyprien, Que.	Dec. 13
Dec. 31.	Brooklyn, N. Y.	Dec. 20
Jan. 1.	Wichita, Kan.	Nov. 22
Jan. 7.	Cleveland, O.	Dec. 20
Jan. 8.	Dodge Center, Minn.	Dec. 13
Jan. 15.	New York, N. Y.	Nov. 29
Jan. 16.	Huron, S. D.	Dec. 20

FEDERAL GOVERNMENT WORK

Dec. 24.	Fuel Oil System — San Diego, Cal.	Dec. 13
Dec. 26.	Sewerage System, Water Supply Intake, Reservoir —Washington, D. C.	Dec. 6
Dec. 27.	Post Office — Alexandria, La. Adv. Nov. 22 and 29.	Nov. 22
Dec. 27.	Steam Heating System— Shawnee, Okla.	Dec. 6
Jan. 4.	Buildings — Grande Isle, La. Adv. Dec. 6 and 13.	Dec. 6
Jan. 5.	Jetty Work — Jacksonville, Fla. Adv. Dec. 13.	Dec. 13
Jan. 7.	Post Office — Eldorado, Kan.	Dec. 6
Jan. 7.	Post Office — Shawnee, Okla.	Dec. 6
Jan. 7.	Electric Traveling Cranes— —Brooklyn, Y.	Dec. 13
Jan. 7.	Post Office — Bakersfield, Cal.	Dec. 20
Jan. 7.	Laundry Equipment, etc.— Annapolis, Md.	Dec. 20
Jan. 14.	Post Office—Owego, N. Y. Adv. Dec. 13 and 20.	Dec. 13
Jan. 14.	Roads—Chelsea, Mass.	Dec. 20
Jan. 15.	Post Office — Eldorado, Kan.	Dec. 20
Jan. 21.	Radio Towers and Tanks— Barataria, La.	Dec. 20
Jan. 28.	Post Office—Sunbury, Pa.	Dec. 6

MISCELLANEOUS

Dec. 26.	Station Finish—New York, N. Y.	Dec. 13
Dec. 27.	Dam—Eureka, Kan.	Dec. 20
Dec. 28.	Levee Work — Shreveport, La.	Dec. 13
Jan. 2.	Improving Harbor — Newport, Ore. Adv. Nov. 29 to Dec. 13.	Nov. 29
Jan. 3.	Transmission Line — Fremont, N. C.	Dec. 20
Jan. 5.	Levee—Chamois, Mo	Dec. 13
	Adv. Dec. 13 and 20.	
Jan. 15.	Dam—Calgary, Alta. Adv. Dec. 20.	Dec. 20

Where name of official is not given, inquiries should be addressed to City Clerk, County Clerk or corresponding official.

WATER-WORKS

Proposed Work

Conn., Torrington — City having plans prepared by C. H. Preston, Jr., engr., 136 Grand Ave., Waterbury, building 3 reservoirs near here. About $1,300,000.

N. J., Millville—City election soon to vote on $125,000 bonds to purchase and improve People's Water Co. W. B. Wade, city engr.

Pa., Butler—Butler Water Co. will issue $321,500 stocks; proceeds to provide for extensions and improvements. H. O. Carson, engr.

Pa., Columbia—Columbia Water Co. acquired land adjoining plant and plans to build addition to filtration plant.

Pa., Connellsville — Connellsville Water Co. will issue $27,000 stocks; proceeds to be used for extensions and improvements.

Pa., McKeesport—(Official) — Boro. receives bids in spring for new water system, including 4 one million-gal. filters, pumping plant, boiler house, standpipe and pipe lines. About $500,000. L. Hudson, 8021 House Bldg., Pittsburgh, engr. Noted Nov. 29.

Pa., Phila.—City plans to lay water pipe in Stenton Ave., from Ogontz Ave. to Broad St.; Sharpnack St. from Stenton to Michener Aves.; Cheltenham Ave. from Ogontz Ave. to Vernon Rd.; Phil-Ellena St. and Vernon Rd. from Stenton to Cheltenham Aves.; Michener and Pickering Aves. and Thouron St., from Vernon Rd. to Limekiln Pike; Woolston Ave. from Walnut to Washington Lanes; 71st Ave. and Tulpehocken St. from Woolston Ave. to Limekiln Pike. C. E. Davis, city engr.

Pa., Warren—Warren Water Co. will issue $14,500 stocks; proceeds to be used for improvements and extensions.

W. Va., Wheeling—City authorized G. O. Nagle, supt. water-works, to purchase 3 chlorine gas machines to be attached to reservoir intake pipes.

Ala., Talladega — City issued $35,000 bonds to build water system. J. W. Vindiver, mayor.

Ky., Paducah—City retained F. W. Ballard & Co., engrs., 811 Swetland Bldg., to make surveys and prepare plans for water-works system.

O., Cleveland—(Official)—City plans to issue $50,000 bonds for water-works system. R. Hoffman, city engr.

O., Hamilton — City plans additions to water-works. About $18,000. F. E. Weaver city engr.

O., Rocky River — (Official)—City will sell $26,159 bonds, Jan. 15, to lay and install water mains in West Lake Rd. F. Mitchell, clk.

O., West Park—(Official)—Lander Eng. Co., Amer. Trust Bldg., Cleveland, receiving bids for 3562 ft. 6-in., and 96 ft. 4-in. cast iron pipe and 4 hydrants in connection with water main improvements. About $10.-500. Noted Nov. 1.

Ill., Charleston — City plans to rebuild water system, involving 2,000,000 gal. pump, new boiler, 1 low and high lift pump, etc. About $13,155. J. A. Tremble, city engr.

Wis., Merrill—City Council plans to purchase water-works equipment.

Water-Works (Continued)

Kan., Galena—City receives bids about Feb. 1, improving water-works and filtration plant. About $100,000 Burns & McDonnell, 402 Interstate Bldg., Kansas City, Mo., engrs. Noted Oct. 18.

Neb., Falls City—City election Jan. 15, to vote on $15,000 bonds to extend water system.

Neb., Omaha—City plans to lay 4 mi. water mains to Ft. Crook. About $60,000. J. A. Bruce, city engr.

N. D., Minot—City soon receives bids for water mains and 3,000,000-gal. rein.-con. reservoir. F. Bass, 244 Plymouth Bldg., Minneapolis, engr. Noted Sept. 27.

Mont., Winnett—City plans to build reservoir. About $15,000.

Okla., Altus—City voted on $80,000 bonds for water-works system. Noted Nov. 22.

Idaho, Montour—R. E. Noland plans to build pumping system to water 2200 acres of land south of here. About $30,000.

Idaho, Twin Falls—City plans to build water system. Bond election soon.

Ariz., Verde — (Liberty P. O.) — See "Buildings."

Ariz., Yuma—(Official) — City will not vote Dec. 11 on $400,000 bond issue to build water, gas, electric-light, heat, and power systems. Noted Nov. 29.

Que., Montreal—City receives bids about April or May building water system, dykes, etc. About $40,000. P. Mercier, engr.

Que., St. Georges de Champlain — City having plans prepared by W. Bourassa, engr., Grand' Mere, for acqueduct. About $50,000.

Ont., Blenville—City is in market for hydraulic pump with 250,000-gal. capacity.

Ont., Peterboro—City plans to build water mains. About $13,000. R. H. Parson, engr.

BIDS DESIRED

Kan., Chanute—(Official)—Until Dec. 29, by C. G. Woods, city clk., improving water system. Black & Veatch, Inter-State Bldg., Kansas City, Mo., engrs. Noted Nov. 29.

Kan., Eureka—Until Dec. 27, by J. W. Kenner, city clk., improving water-works system involving 360 cu.yd. concrete, plain and reinforced, and 1500 cu.yd. embankment. Black & Veatch, Interstate Bldg., Kansas City, Mo., engrs. Noted Oct. 18.

Kan., Tipton—Until Jan. 3, by N. Arnoldy, city clk., furnishing and installing equipment for water-works system, Sect. 1, 2, 3, 4, and 5 involves 10,287 ft. 4-6 in. cast iron pipe, 13 hydrants, 10 valves, 100-ft. tower, 30,000 and 50,000-gal. tank, one 100-gal. triplex pump clutch connected to 12 hp. gasoline engine, etc. G. P. Taylor, Stockton, engr. Noted May 31.

Okla., Miami—See "Sewers."

Cal., Taft—See "Buildings."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

N. Y., New York — W. Williams, comr. water supply, gas and electricity, received bids laying water mains and appurtenances in 5th Ave. and Delancey St., from Beaver Eng. & Contg. Co., 51 Chambers St., $44,429; J. A. Gregory, 286 West 137th St., $78,478; Knight & DeMicco, Inc., 2353 Washington Ave., $85,583. Noted Dec. 6.

★**Ark., Marvel**—See "Sewers."

Wash., Seattle—Bd. Pub. Wks. received bids building water mains in Alki Ave. (a) wood pipe; (b) cast iron pipe, from Superior Constr. Co., 131 Nob Hill Ave., (a) $58,993; (b) $99,899; Scalzo & Co., 1708 22nd Ave., (a) $61,551; (b) $103,311. Noted Sept. 20.

SEWERS

Proposed Work

N. J., Lyndhurst—City will issue $200,000 bonds to build sewerage system.

N. J., Millburn—Town Com. passed ordinance to build storm sewer in Model Park and extend sewers in Cypress and Wyoming Sts.

N. J., Morristown — City plans to build addition to sewage disposal plant by adding 6 additional acres. Address W. H. Dutton.

N. J., Paterson—City plans to build sewer in Shady St. from Lowe St. to 6th Ave., and in 23rd Ave. from East 33rd to East 35th Sts. H. J. Harder, city engr.

N. J., Phillipsburg—City had plans prepared by C. G. Wigley, engr., State Bd. of Health, Trenton, for new sewage disposal plant.

N. J., Ridgewood — Township plans to build storm sewer in Roland Ave., between Ridgewood Rd. and Millburn Ave. M. R. Silance, clk.

Pa., Carbondale—City having plans prepared by State Bd. Health, Harrisburg, building outfall sewer and sewage treatment works.

Pa., College Hill—(Beaver Falls P. O.)—Boro. had plans prepared building sanitary sewerage system. Bonds for $36,000 voted for project. H. Dawson, boro. engr.

Pa., Leetsdale—City having plans prepared by State Health Dept., Harrisburg for sanitary sewage extension for collection and treatment of sewage.

Pa., Penns Station — City having plans prepared by T. P. Herron, engr., Irwin, for sewage system involving 8000 lin.ft. sanitary terra cotta pipe. About $25,000.

Pa., Phila.—City plans to rebuild sewers in King St., Wissahicken Ave., and Queen Lane and build sewers in Washington Lane from Ogontz to Stenton Ave.; Wyncote and 67th Ave., from Limekiln Pike to Ogontz Ave.; 18th St. from Shelten to Meadary Aves. C. E. Davis, city engr.

Pa., Pottstown—City having plans prepared by E. C. Collins, engr., 511 Drexel Bldg., Phila., to extend sewer to low level, 5 or 6 mi. About $100,000. J. K. Klink, chn.

Pa., Rutledge—City plans to build 4 mi. sewers. About $25,000.

Pa., Wesleyville—City having plans prepared by B. E. Briggs, engr., building sanitary sewerage system and sewage disposal plant.

Pa., West Middlesex—Borough having plans prepared by L. D. Tracy, engr., 245 4th Ave., Pittsburgh, for sewerage system and sewage disposal plant. F. H. Bair, Colonial Trust Co., Farrell, secy.

Pa., Williamsport — City Council passed resolution to build sewerage system at Sawyer Park to form new industrial district.

Pa., Wilson—Boro having plans prepared by State Health Dept., Harrisburg, building sanitary sewerage system and sewage disposal plant for northera portion of boro.

Ala., Anniston—(Official)—City soon lets contract building sanitary sewers in western section of city. C. W. Cooper, city engr.

O., Cincinnati—(Official)—Council passed ordinance to build sewers in Dover St. from Morgan to Wayne Sts.; Wayne St. from Dover St. to Cincinnati, Lebanon & Northern R.R.; Liston Ave. from Tyler to Maag Sts.; Colfax Ave. and right of way from Liston Ave. to Ohio River; Queen City Ave. from White St., 20 ft. westwardly and White St. from Queen City Ave. to Wickham Alley. F. Krug, city engr.

O., Cleveland — (Official) — City plans building sewers in East 124th, 125th, 126th, 127th, and 128th Sts., from Buckeye Rd. to Williams Ave. east, $13,144; Corlett Ave., S. E. from East Blvd. to East 131st St. and East 116th St., from Corlett Ave. to Farrington Ave., $50,000. R. Hoffman, city engr.

O., Niles — City having plans prepared building sewage disposal plant. About $16,000. H. Turner, city engr.

O., West Park — Lander Eng. Co., 306 Amer. Trust Bldg., Cleveland, receiving bids for 1200 ft. 15-in., 2256 ft. 12-in. and 1075 ft. 18-in. vitr. pipe and 196 ft. 12-in. rein.-con. pipe, concrete catch basin and combination manholes.

Ill., Quincy—City plans to build sanitary sewers in 6th St. from Washington to Monroe Sts.; Madison St. from 6th to 8th Sts; Monroe St. from 6th to 10th Sts; 10th St. from Spruce to Chestnut Sts.; 11th St. from Spruce to Chestnut Sts.; Vermont St. from 18th to 24th Sts. About 3 mi. E. R. Chatten, city engr.

Ia., Clarksville—City soon received bids for sewer system. G. H. Bishop, Independence, engr.

Kan., Belleville—City had plans prepared by Black & Veatch, engrs., 507 Inter-State Bldg., Kansas City, Mo., for sewerage system.

Mont., Poplar — City having plans prepared for sewerage system.

Tex., Farmersville—City plans to build sewerage system. W. Jones, secy.

Okla., Lindsay—City plans to build sewerage system.

Utah, Ogden—City plans to build sewers in Dist. 138, involving 17,500 ft. pipe. About $28,000. M. J. Tracy, city engr.

Ariz., Verde — (Liberty P. O.) — See "Buildings."

Cal., Los Angeles — City soon receives bids building vitr. pipe sewer in 11th, Vine, 10th, 7th, 6th and 4th Sts., Poinsetta Ave. and other streets and alleys, involving 45,000 lin.ft. 8-14 in. vitr. pipe, manholes, catch basins, etc. A. G. Hansen, city engr.

Cal., Santa Barbara—City had plans prepared for Reinsch-Wurl screen sewage treatment plant. Olmstead & Gillelen, 1112 Hollingsworth Bldg., Los Angeles engrs.

N. S., Picton—City plans to build sewers in Water, Church, and Front Sts. About $60,000.

Ont., Goderich—Town plans to build sewers on Victoria St. and Britannia Rd. About $50,000. L. L. Know, clk.

Ont., Renfrew—Town plans to build storm sewer on Barr St. from Hill to Combs St. About $40,000. J. H. Stewart, engr.

BIDS DESIRED

N. Y., New York—(Official)—Until Dec. 27, by M. M. Marks, boro. pres., Municipal Bldg., building receiving basin southeast corner Madison Ave. and 42nd St.; southeast corner 38th St. and 7th Ave.; rebuilding sewer in 63rd from 3rd to Park Aves.; sanitary sewers with pumping station and appurtenances in Thompson St. from Canal St. to point 350 ft. north of Broome St.

N. J., Elizabeth—Until Dec. 27, by Bd. Pub. Wks., installing two 75-hp. horizontal electric motors, complete wiring, conduits, insulators, connectors, etc., for sewage pumping station. T. E. Collins, ch. engr.

N. J., Westfield—Until Jan. 7, by City, building about 1950 lin.ft. 8-in. sanitary sewers and appurtenances in Seneca Pl., Grandview and Columbus Aves., and Pine St. A. W. Vois, city engr.

Pa., Pittsburgh—(Official) — Until Dec. 27, by City building 15-in. sewers in Floral Sts., Klein Ave., and Edwin St., from point near Loeffler St. to Oakdale St.; Bethe Pl. from North Highland to Sheraden Aves.; Haverhill St. and Nimick Pl. from Inglebrook Pl. and McKee St. to Warsaw St.; Pinerue Ave. from Marlow St. to Lorenz Ave.; Rosina Way from Taylor to Ella Sts.; Southside Ave. from Entrance Ave. to Luella and Bessie Sts.; Glenn Way from May Way to Enfield St. N. S. Sprague, city engr.

Ill., Normal — Until Dec. 27, by City, building west side sewer.

Wis., Union Grove—(Official)—Until Jan. 3, by C. Moe, village clk., installing 3976 ft. 8-12-in. vitr. pipe, 10 manholes, 1 flush tank and sewage disposal tank.

Mont., Terry—Until Dec. 26, by Town, building sewerage system. D. C. Bradley, clk.

Okla., Enid — Until Dec. 24, by O. L. Green, city clk., building sanitary sewer in block 22 and Jonesboro addition.

Okla., Miami—(Official)—Until Jan. 8, by N. F. Wright, building sewage and water systems. About $32,000. Hughes Eng. Co., 310 Bank Commerce Bldg., Tulsa., engrs. Noted Oct. 25.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

N. Y., New York—M. M. Marks, boro. pres., received low bids Dec. 6 for repairs to outlet sewer in East 42nd St., from East River to 3rd Ave., (a) prop A, (b) prop B, from Reilly Contg. Co., Inc., 172 East 94th St., (a) $25,812, (b) $56,164; Laconia Contg. Co., 835 East 213th St., (a) $29,440, (b) $52,917; Gasperini & De Blasio, (a) $40,460, (b) $70,320. Noted Dec. 6.

★**N. J., Manasquan**—Boro. let contract building additions to sewerage system to Sincerbeaux & Moore, 1st Natl. Bank Bldg., Princeton, $10,000. Noted Nov. 22.

★**Pa., Oil City**—City let contract building 12,900 ft. 6-24 in sewers in 10th Ward to Lesher & Loess, Oil City, $20,413.

★**O., Cleveland**—(Official)—City let contract building sewers in Corlett Ave., S. E. from East Blvd. to East 131st St., involving 2160 ft., 6 in. and 900 ft., 5-in. pipe, to Gawne Contr. Co., $46,000. Noted Nov. 15.

Sewers (Continued)

★**O., Columbus**—(Official)—City let contract building Markison Ave. extension sewer to W. D. Sullivan, $2452; sewer in alley north of 17th Ave. and alley east of Cleveland to Cleveland, Akron & Cincinnati R.R. sewer, to J. F. Ryerson, $8586. Noted Dec. 6.

★**Ark., Marvel**—City let contract installing water-works and sewage plants to U. S. Sanitary Septic Tank Co., Exchange Bldg., Memphis, $43,000. Noted May 24.

Wash., Seattle—Bd. Pub. Wks. received bids installing sewer in 25th Ave., N.E., (a) clay pipe; (b) concrete pipe, from V. Ramaglia, 4830 37th Ave., N. E., (a) $59,-260; (b) $59,074; Superior Constr. Co., 131 Nob Hill Ave., (a) $60,187; (b) $60,197.

★**Ont., St. Catherines**—City let contract building relief and outlet sewer to McLaughlin Bros., $70,000. Noted Nov. 8.

BRIDGES

Proposed Work

Pa., Carbondale—(Official)—City having plans prepared by Peck Bros., engrs., Scranton Life Bldg., Scranton, for steel viaduct over tracks of Delaware & Hudson R.R. at intersection of Lundaff and Fallbrook Sts.

Pa., Harrisburg—Dauphin Co. plans to build bridges over Paxton Creek at Sycamore and Shaonix Sts., and over Manada Creek at Sand Beach.

Pa., Norristown—See "Miscellaneous."

La., Shreveport—(Official)—City and Bd. Comrs., Caddo Lake Dist., having plans prepared by Waddell & Son, engrs., 934 Wyandotte St., Kansas City, Mo., for bridge over Cross Bayou, foot of Market St. Noted Sept. 27.

O., Girard—City soon receives bids for 1000-ft. traffic bridge over Erie and Pennsylvania R.R. at Liberty St. W. R. Deemer, village clk.

O., Hamilton—See "Industrial Works."

Ia., Manchester—Delaware Co. receives bids in January for bridge with two 70-ft. arches, 40-ft. roadway and 6-ft. sidewalk. H. Klaus, co. engr.

Minn., Crookston—Great Northern Ry. having plans prepared for 6th St. viaduct, concrete pier. About $10,000. A. H. Hogeland, 1222 R.R. Bldg., St. Paul, ch. engr.

Kan., Ft. Scott—Bourbon Co. plans to build 3 bridges. R. W. Tiles, engr., c/o M. J. Rose, clk., receives bids about Feb. 1.

Mont., Noxon—City voted $50,000 bonds to build bridge.

BIDS DESIRED

Va., Richmond—Until Jan. 4 by City, building Ginter Park viaduct, Chamberlayne Ave., rein.-con., including grading streets and building approaches. About $123,000. C. E. Bolling, city engr.

Minn., Anoka—Until Jan. 3, by City, building rein.-con. bridge over Rum River, Pleasant St. L. P. Wolff, St. Paul, engr.

Minn., Walker—See "Excavation and Dredging."

Mont., Lodge Grass—Until Jan. 9, by State Highway Comn., Helena, building 100 ft. span combination bridge over Little Big Horn River.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

N. Y., New York—D. Mathewson, boro. pres. (Bronx Boro.), received low bids building bridges and approaches, regulating, re-regulating paving and repaving Gun Hill Rd. between Webster and White Plains Aves., from O. Daniels Co., Woolworth Bldg., $234,983; Spadiro Contg. Co., 827 East 217th St., $241,018; P. T. Cox Contg. Co., 154 Nassau St., $241,734. Noted Nov. 22.

★**Pa., Harrisburg**—(Official)—State Pub. Grounds and Building Dept. let contract for 180-ft. steel truss bridge with solid floor and stone abutments, to Stebbins Constr. Co., Wellsboro., $45,000. Noted Dec. 6.

★**Pa., Nelson**—(Official)—G. A. Shreiner, supt. pub. Grounds and Bldgs., Capitol Bldg., Harrisburg, let contract building bridge at Nelson, Tioga Co., to M. W. Stebbins Constr. Co., Wellsboro, $45,000. Noted Nov. 29.

★**W. Va., Fairmont**—(Official)—Bd. Affairs let contract building rein.-con. bridge over Monongahela River, to J. F. Casey Co., Union Arcade, Pittsburgh, Pa., cost plus 9% commission. Limited to $40,-000. Noted Dec. 6.

★**Ariz., Tombstone**—Cochise Co. let contract building rein.-con. bridge over San Pedro River, 2 Luten arches, 70 ft. each, to Topeka Bridge & Iron Co., Kansas City, Mo., $26,250.

STRUCTURAL STEEL WORK

Proposed Work

Pa., Carbondale—See "Bridges."

REINFORCED CONCRETE

Proposed Work

O., Cleveland—See "Miscellaneous."

Tex., San Antonio—See "Buildings."

BIDS DESIRED

Va., Richmond—See "Bridges."

Minn., Anoka—See "Bridges."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., Brooklyn**—See "Industrial Works."

★**W. Va., Fairmont**—(Official)—See "Bridges."

★**Ariz., Tombstone**—See "Bridges."

STREETS AND ROADS

Proposed Work

R. I., Warwick—(Official)—Town receives bids in February building following roads: Pawtuxet Ave., to Elmwood Ave., Norwood; Gate Rd. from Apponaug to West Warwick Line; Warwick Neck Rd. from station south of Carpenter Corners to Budlong Corner, Warwick. J. H. Potter, aud. Noted Dec. 6.

N. J., New Brunswick—Bd. Freeholders, Middlesex Co. plans to pave Highland Park-Bound Brook Rd. About $300,000.

N. J., Salem—(Official)—Bd. Freeholders Salem Co., receives bids in February for road work, Pennsgrove Twp. About $75,-000. Noted Dec. 6.

Pennsylvania—(Official)—State Highway Dept., Harrisburg, received no bids building roads in Mill Creek and Harbor Creek Twps., Erie Co., also for improving road in Clearfield Boro. Noted Nov. 29.

Pa., Eddystone—Boro sold $35,000 bonds to pave streets.

Pa., Harrisburg—City plans to improve 3rd St. About $16,000. M. B. Cowden, city engr.

Pa., Hollidaysburg—Blair Co. plans road from Williamsburg through Clover Creek alley, via Beaverton and Shelleytown, to Fredericksburg and Martinsburg.

Delaware—State Highway Dept., Dover, preparing plans for 3 concrete roads in Sussex Co. Noted May 24.

W. Va., Moundsville—Marshall Co. soon receives bids repaving and improving road through Narrows between McMechen and Glendale. S. H. Bonar, co. engr.

N. C., Edenton—Town will issue $128,000 bonds to pave portions Main, Water, King and other streets.

N. C., Louisburg—Franklin Co., Sandy Creek Twp., sold $50,000 bonds to improve roads.

N. C., Marshall—Madison Co. voted $100,-000 bonds to improve roads, Precinct No. 1.

N. C., Monroe—City plans to issue $164,-000 bonds to improve streets.

N. C., Rutherfordton—Rutherford Co. election Jan. 19, to vote on $11,850 bonds to build roads in Cool Springs, Rutherfordton, Green Hill and Chimney Rock Twps. G. F. Watson, chm. co. rd. comrs.

Fla., De Land—Volusia Co. plans election to vote on $200,000 bonds to build road from De Land to Putnam Co. line, involving sand-asphalt road with shell base, curb, clay or shell shoulders, 3 ft. wide, making maximum width of 15 ft. State will appropriate $64,000 toward cost.

Fla., West Palm Beach—Associated Realty Investors, 1269 Bway., plan several miles rock road, sidewalks, etc., in connection with resident development.

Ala., Scottsboro—Jackson Co. received no bids macadamizing part State Trunk Rd. No. 4, between Woodville and Limrock, involving 9000 cu.yd. crushed stone. Noted Nov. 15.

Ala., Troy—City having plans prepared paving north and south Three Notch, College, Walnut and portions Montgomery and Murphree Sts.

Ala., Tuscumbia—Colbert Co. rejected bids improving 7.02 mi. Jackson Highway, including 16,132 cu.yd. earth excav.; 9650 cu.yd. gravel; 2850 cu.yd. chert; 11,215 sq.yd. bituminous treatment; 44 cu.yd. concrete; 84 lin.ft. D. S. vitr. pipe. Noted Nov. 8.

Miss., Carrollton—Carroll Co. issue $50,-000 bonds to improve roads.

La., Kenner—City plans to issue $15,000 bonds to improve streets. P. Felix, mayor.

Ky., Louisville—Jefferson Co. plans to build Poplar Level Rd. from city to Camp Zachary Taylor. About $12,000 for asphalt pavement. R. Gaines, co. engr., advises heavier reconstruction at three times cost. Federal Government to appropriate towards cost.

O., Cincinnati—(Official)—Council passed ordinance to issue $114,500 bonds to improve Evanston Ave. from Fairfax to Hewitt Aves., Pike St., Vickham Alley, Vinyard Pl. and other streets. F. Krug, city engr.

O., Coshocton—Coshocton Co. plans to build roads. Federal Government and State will appropriate $37,000 toward cost.

O., Ironton—(Official)—City plans to pave streets. About $100,000. L. G. Howell, city engr. Noted July 5.

O., Newark—City soon lets contract repaving Church St., sheet asphalt and asphalt concrete. About $54,000. C. H. Wells, city engr.

O., Portsmouth—Scioto Co. plans to improve Main Market Rd.; also build 1 mi. of Ohio River Rd., and 1 mi. Portsmouth Lucasville Rd., brick, macadam, and brick. About $40,000 state aid has been asked.

Ind., Elkhart—City soon lets contract paving Michigan and Franklin Sts. and Lexington Ave. L. Russell, city engr.

Mich., St. Johns—Clinton Co. plans to build 6¼ mi. road between Ovid and Elsie.

Ill., Chicago—Chicago Plan Comn. submitted plans to council for transforming South Water and River Sts., between Michigan Ave. and Market St., into double-decked boulevard. About $5,282,680. J. Ericson, city engr.

Ill., Minonk—City plans to pave Lincoln St., from 4th to 7th Sts.; Walnut St. from 4th to 5th Sts.; 7th St. from Walnut to Maple Sts.; 8th St. from Chestnut St. to Maple Ave.; Oak St. from 7th to 8th Sts.; Locust St. from 7th to 8th Sts.; Oak St. from 3rd to 4th Sts.; 3rd St. from Oak St. to Maple Ave.

Ill., Quincy—City plans to pave 3rd St. from Vine to Vermont Sts.; Oak St. from 2nd to 5th Sts.; Bway. from Front to 5th Sts.; Jersey St. from 5th to 9th Sts. E. R. Chatten, city engr.

Wisconsin—(Official)—State Highway Comn., Madison, receiving bids in March, grading 6 mi. road and building 15 ft. crushed gravel macadam on above grading, Lincoln Co. About $30,000.

Ia., Iowa City—(Official)—Johnson Co. receives bids about Apr. 1, building 1 mi. hard surfaced highway from here to Coralville; also grading about 10 mi. (earthwork) to permanent grade. Federal Government will appropriate toward cost. A. F. Fusher, co. engr. Noted Dec. 6.

Ia., Rock Rapids—Lyon Co. plans to improve roads, including Sibley-Sioux Falls Rd. About $46,000. E. H. Riegel, aud.

Minn., Red Wing—Goodhue Co. plans to improve Burlington Highway. About $300,-000. C. H. Myer, aud.

South Dakota—(Official)—State Highway Dept., Pierre, plans to appropriate $235,234 to build roads in various counties as follows: Minnehaha Co., asphalt macadam, $39,400; Codington Co., $38,832; Deuel Co., $28,943; Grant Co., $34,130; Moody Co., $30,200; Brookings Co., $20,000; Lincoln Co., $41,728; all to be hard surfaced with local gravel. F. S. Peck, highway engr.

Mo., Columbia—Boone Co. voted $80,000 bonds to build Old Trails Rd. from Columbia to Minola Hills.

Tex., Belton—Bell Co. voted bonds to build and maintain roads. Noted Nov. 1.

Tex., Canton—Van Zandt Co. election soon to vote on $900,000 bonds to build roads.

Streets and Roads (Continued)

Tex., Dallas—Dallas Co. plans to improve roads. About $40,000.

Tex., Orange—Orange Co. election soon to vote on $600,000 bonds to build roads.

Tex., Sinton—San Patricio Co. election soon to vote on $250,000 bonds to build roads.

Colo., Pueblo—Pueblo Co. plans to build highways. About $90,800.

Ariz., Tombstone — Cochise Co. voted $1,000,000 bonds to build county highway system. Noted Nov. 1.

Wash., Vancouver — Clarke Co. having plans prepared for finishing embankment on River Rd. west of city and extending 11th St. About $11,000. B. L. Dorman, co. engr.

Oregon—State Highway Dept., Salem, had surveys made for realignment and grading Oregon Trail from Pendleton to Baker, and from La Grande to Elgin. H. Nunn, state highway engr.

Ore., Astoria—Clatsop Co., Astoria Rd. Dist., voted $22,000 bonds to improve road around Smith's Point, connecting with Taylor Ave.

Ore., Enterprise—Wallowa Co. plans to build roads. About $100,000.

Ore., La Grande—Union Co. plans post road from La Grande to Elgin. State will appropriate $32,000 toward cost.

Ore., McMinnville—Yamhill Co. plans to improve 7 mi. of Tillamook Rd., through Grand Ronde Reservation. Cost, $40,000. Federal Government and State will appropriate $30,000 towards cost.

Ore., Pendelton—Umatila Co. plans to grade road from Pendelton to Gulgard.

Ore., Roseburg—Douglas Co. plans to build 11¼ mi. road from Canyonville to Johns Ranch and 2 mi. road from Canyonville West to connect with road from Riddle. Federal Government and State will appropriate toward cost. B. Nichols, co. comr.

Cal., Riverside—Riverside Co. had plans prepared by R. W. Waterman, co. engr., building following roads in Rd. Impvt. Dist. No. 2: grading and graveling 15,300 lin.ft. on Lovekin Blvd., extending north to Blythe; 19,856 lin.ft. on Hobsonway east from Blythe; 10,000 lin.ft. on Fertilla Rd., extending west from Blythe, grading 5264 additional ft.; grading 5200 lin.ft. Canes Rd., extending from south from Blythe; grading 2618 lin.ft. on Anelo Valley Rd., extending south from Blythe; graveled roadways will vary from 10-20 ft. in width and 4-8 in. thickness; also building rein.-con. siphons, culverts, headgates, bridges, turnouts, and crossings; improving 1-mi. road at Wineville, on Stiwanda Ave., between Wineville Sta. and Stearns Winery, concrete on macadam base; road will connect Foothill and Valley Blvd.; also about 700 ft. county highway across Temescal Wash east Coronan and graveling road between Banning and Hot Springs, 6 in. deep and 14 ft. wide between Cabazon and Whitewater.

Cal., San Diego—(Officials) — City received no bids grading Upas St., between Granada Ave. and line 120 ft. west, and Abbott St. from Long Beach to Brighton Aves. Noted Nov. 29.

Cal., Santa Barbara—Santa Barbara Co. election Dec. 29, to vote on $40,000 bonds for highway work in Mission Rd. Dist.

Cal., Stockton—San Joachim Co. having plans prepared improving 7 mi. Clementslone Rd. F. E. Quail, co. engr.

Que., Maisonneuve—City plans to pave Girard St. About $20,000. J. Hinton, secy.

BIDS DESIRED

N. Y., Long Island City—(Official)—Until Dec. 24, by M. E. Connolly, pres. Queens Boro., regulating, curbing, laying sidewalks on Jamaica Ave. from Van Wyck to Cliffside Ayes.

N. Y., New York—(Official)—Until Dec. 27, by D. Mathewson, pres. Bronx Boro., regulating, grading, and regrading, setting and resetting curb, laying and relaying sidewalks, building inlets, receiving basins, drains, culverts and approaches in University Ave. from Featherbed Lane to West 174th St.; West 174th St. from University to Montgomery Aves; paving with sheet asphalt on concrete foundation and granite blocks on sand foundation, 3rd Ave. from East 188th St., to Fordham Rd.; Park Ave. east from East 188th St. to Fordham Rd.; East 189th St., from Washington to Webster Aves.; Fordham Rd. from Park to Webster Aves.

N. J., Newark—(Official)—Until Dec. 26, by Bd. Freeholders, Essex Co., improving Sanford Ave. from Irvington-Newark line to Newark-East Orange line. H. W. Heilmann, co. engr.

Va., Richmond—See "Bridges."

Ia., Stuart—(Official)—Until Jan. 15, by city, paving, curbing and guttering 11 blocks. About $45,000. T. S. DeLay, Creston, city engr. Noted Dec. 6.

Minn., Walker — See "Excavation and Dredging."

Colo., Ft. Collins—(Official)—Until Dec. 27, by City, for 13,156 sq.yd. rein.-con. pavement, etc.; advertised in this issue.

Wash., Pasco—Until Jan. 7, by Franklin Co. building 8 mi. highway near Pasco.

Wash., Wenatchee—Until Jan. 8, by Chelan Co., building Rd. No. 287, known as Johnson Creek or Muddy Creek Rd.

Oregon—Until Jan. 8, by State Highway Comn., Yeon Bldg., Portland, building 5.8 mi. Columbia River Highway from Hood River to Mosier involving 195,000 cu.yd. excav. H. Nunn, state highway engr. Noted Nov. 1.

California—Until Dec. 31, by State Highway Comn., 515 Forum Bldg., Sacramento, building concrete pavement on Ridge Road, Angeles Co., between Kay Ranch and Quail Lake. About 26 mi. A. B. Fletcher, engr.

Cal., Riverside—Until Dec. 26, by A. B. Pilch, clk., Riverside Co., building 2 mi. concrete pavement on Etiwande Ave., north from Wineville; improving highway between Cabazon and Whitewater and building concrete pavement on 6th St. extension; Corona.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

N. Y., Brooklyn—L. H. Pounds, Brooklyn boro. pres. received low bids Dec. 12, regulating, and paving roadway of 86th St. from 21st to 22nd Ave., asphalt on 6-in. concrete foundation, from Borough Asphalt Co., 1301 Metropolitan Ave., $10,729; Uvalde Asphalt Paving Co., 1 Bway., New York City, $10,383; Cranford Co., 52 9th St., $10,398. Noted Dec. 6.

N. Y., New York—D. Mathewson, pres. Bronx Boro., received low bids, Dec. 12, regulating, grading, setting curb, laying sidewalks, building inlets and reapproaches and guard rails, etc., in West 176th St., from Jerome Ave., to Macomes Rd., from Gasperini & Delbalso, 1964 Honeywell Ave., $15,412; J. T. Cabalozo, $15,798; T. Menna, $16,355. Noted Dec. 6.

N. Y., New York—See "Bridges."

N. Y., New York—M. M. Marks, boro. pres. received low bids Dec. 12, regulating and repaving roadway of 10th St., from Stuyvesant St., to University Pl., sheet asphalt on concrete foundation, from Daveney Asphalt Co., 52 Vanderbilt Ave., $24,054; Asphalt Constr. Co., 2197 Madison Ave., $24,406; roadway of 3rd Ave., from 6th to 8th Sts., wood block on concrete foundation, from W. J. Fitzgerald, 547 West 45th St., $16,099; roadway of 3rd Ave., from 6th to 8th Sts. (water, tar, gas specifications), wood block on concrete foundation, from W. J. Fitzgerald, 547 West 45th St., $15,-164; Franklin Contg. Co., 52 Vanderbilt Ave., $15,466. Noted Dec. 6.

Pennsylvania—(Official)—State Highway Comn., Harrisburg, received low bids building 4700 ft. vitr. block pavement, 16-18 ft. wide, in Lawrence Twp., Clearfield Co., from Clearfield Boro. line to point on Penfield Rd. at Flegal Rd., from J. Boyce, Clarence, $42,614; D. W. Anderson, Clearfield, $44,137; C. E. Chase, Clearfield, $47,671. Noted Nov. 29.

★S. C., Spartanburg — State Highway Dept., Columbia, let contract surfacing concrete road to Camp Wadsworth, to Morrison & Glover, Augusta, $37,000.

★Fla., De Land—Volusia Co., Halifax Special Rd. Dist., let contract building 15 mi. rock with asphalt binder road to Akerman & Ellis, Titusville.

★Fla., Perry—City let contract improving streets, asphalt on macadam base, to Edwards Constr. Co., Judy Dock, Tampa, $75,000. Noted Nov. 8.

★Ala., Bessemer—City let contract paving 6 blocks on 19th St., vitr. brick, to Sullivan, Long & Hagerty.

★O., Canton—Stark Co. let contract building Minerva-Robertsville Rd. to F. A. Downs, Constr. Co., Lawrence Rd. and Gibbs Ave., $48,782; Brewster Massillon Rd., to E. Vogt, Massillon, $21,784; Navarre Richville Rd. to H. Cork, Canton, $45,033.

Ind., Anderson—Madison Co. received low bids paving Meridian Ave., from Indiana Asphalt & Paving Co., 25th St. and Lake Erie & Western Ry., Indianapolis; Brooks Constr. Co., 2104 Miner St., Ft. Wayne; Premier Constr. Co., 1023 Lemcke Bldg., Indianapolis. Noted Nov. 29.

★Minnesota—(Official) — State Highway Comn., 300 Shubert Bldg., St. Paul, let contract grading Minnesota Federal Aid Project No. 3, Mille Lacs Co., to C. A. Pogue Co., $69,272. Noted Oct. 25.

★Minn., Red Wing—(Official)—Goodhue Co. let contract building Minnesota Federal Aid Project No. 11, involving 3 acres clearing, 3.6 acres grading, 55,887 yd. side ditching, 5775 cu.yd. guard rail, etc., to Foley, Young & Peabody, 48 Merchants' Natl. Bank Bldg., St. Paul, $20,499. Noted Nov. 15.

Neb., Columbus—City received bids Dec. 4, paving various streets, from W. Horrabin, 1422 Walnut St., Iowa City, Ia., $2.35 for bitulithic; Natl. Roofing Co., 11th and Clark St., $2.14; sheet asphalt, $1.92; asphaltic concrete; E. D. Tyner Constr. Co., Kansas City, Mo., $2.18; sheet asphalt, $1.87; asphaltic concrete, $2.46; brick and $2.52, vertical fibre brick. Noted Nov. 15.

★Neb., Holdrege—City let contract improving streets in Dist. No. 1, involving 39,100 sq.yd. pavement, 4442 ft. curb, 10,053 lin.ft. curb and gutter, to Roberts Constr. Co., 510 1st Natl. Bank Bldg., Lincoln, $2.54 per sq.yd. Noted Nov. 29.

★Mo., Kansas City—City let contract building artificial stone sidewalks on 59th St., to Missouri Stone Wks. Constr. Co., Room B, Mass Bldg., 15.96c. per sq.ft. Noted Oct. 18.

★Mo., Stanberry—(Official) — City let contract paving, curbing and guttering Main St., to E. Main, Liberty, $20,000. Noted Nov. 22.

★Washington — State Highway Comn., Olympia, let contract building 10 mi. Sunset Highway between Vantage Ferry and Burke to Quigg Constr. Co., Wenatchee, $68,690; grading and draining 30.6 mi. Central Washington Highway between Pasco and Connell to A. L. Mitchell and C. M. Payne, 724 East Mission St., Spokane $52,-984. Noted Nov. 22.

★Oregon—(Official) — State Highway Comn. Yeon Bldg., Portland, let contract grading 1¼ mi. in Wheeler Co., on Ochoco Forest Rd., 4 mi., from Mitchell, to United Contg. Co., Northwestern Bank Bldg., Portland, $25,070.

★Cal., Sacramento — Sacramento Co. let contract building 13 mi. concrete highway on top of levee along bank of Sacramento River near Grand Island to Tibbitts-Pacific Co., 16 California St., $137,878. Noted Dec. 6.

Cal., San Diego—City received only bid paving, building cement curbs, and walks on National Ave., 13th and 16th Sts., involving 77,706 sq.ft. asphalt on concrete base, from Fairchild-Gilmore-Wilton Co., Pacific Electric Bldg., Los Angeles, $14,614. Noted July 26.

★Cal., San Francisco—City let contract to Fay Impvt. Co., Phelan Bldg., improving following streets: 19th St., between Tennessee and Minnesota Sts., granite curbs, $7.48 per ft.; asphalt pavement on concrete base, $0.27 per sq.ft.; Mississippi St. between 19th and 20th Sts., brick pavement, $0.419 per sq.ft.; asphalt pavement on concrete base, $0.234 per sq.ft.; resetting granite curbs, $0.24 per ft., new granite curbs, $1.18 per ft.

Cal., San Francisco — State Bd. Harbor Comrs., Sacramento, received bids paving east side of Embarcadero between piers 7 and 17, from O. McHugh, Russ Bldg., $14,-974; G. W. McGinn, Phelan Bldg., $17,862; Fay Impvt. Co., $17,887. Noted Nov. 20.

★Cal., Santa Ana—Orange Co. let contract paving 2.8 mi. of Santa Ana Canyon Rd., Sect. 3, to J. S. Miller, $13,915. Noted Nov. 22.

★Cal., Stockton — San Joachim Co. let contract building highway near Tracy, to C. Moreing & Sons, Stockton. About $13,260.

RAILWAYS—STEAM & ELECTRIC

Proposed Work

New Jersey—Atlantic City Steamship & Terminal Co., New Jersey & Clam Creek Sts., plans to build 350-ft. marine railway at head of New Jersey Ave., Atlantic City. F. J. McDonald, Phila., pres.

Railways (Continued)

West Virginia — (Official)—Charleston-Interurban Traction Co. plans to build 9 mi. line, including power house and car barns. E. W. Alexander, genl. mgr., soon receives bids.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Florida**—Tampa Southern R.R. let contract building 50-mi. line as follows: From Tampa to Little Manatee River, to B. Morrison; Little River to Palmetto, to W. E. Parker, 402 Curry Bldg., Tampa.

EXCAVATION AND DREDGING

Proposed Work

N. Y., New York—(Official)—Excavation—F. J. Kracke, comr. plant and structures, Municipal Bldg., rejected bids received Dec. 6, excavating and dredging at site of Eastchester Bridge. New bids. Noted Dec. 13.

Wis., Milwaukee—Drainage—Milwaukee Co. soon lets contract for drainage system and open ditching, involving 4000 ft. open ditch and 1¼ mi. 15-in. tile. Kamschulte & Webster, 421 M. & M. Bank Bldg., engrs.

Minn., St. James — (Official) — Ditch — Watonwan Co. received no bids building Judicial Ditch No. 18 involving 62,986 ft. 6-34-in. tile; Judicial Ditch No. 13, involving 73,765 ft. 6-34-in. tile. J. C. Jensen, co. aud. Noted Nov. 22.

Mo., Winfield — Drainage — City having plans prepared by T. N. Jacob, engr., Cahokla Bldg., East St. Louis, Ill., building drainage system near here. About $40,000.

Wash., North Yakima—Drainage—R. K. Tiffany, head of Yakima Rec. Wk., will apply to Rec. Serv., Wash., D. C., to appropriate $1,000,000 for new work. Plans include construction of Tienton Dam, which will be highest earth dam in the world.

Ore., Klamath Falls—Irrigation—Klamath Indian Reservation plans to enlarge Modoc Point Irrigation project and install several small units. H. W. Hincks, engr. Total cost of work, $35,000, of which $17,000 is now available.

BIDS DESIRED

Ill., Tuscola—Drainage—Until Jan. 9, by Comrs. D. D. No. 5, Douglas Co., building drainage system, involving 17,378 cu.yd. open ditch, 1927 ft. 18-27-in. tile, 27-in. salt-glazed vitr. sewer pipe and bulkhead containing 12¾ cu.yd. concrete.

Ia., Mason City—Drainage—Until Dec. 27, by G. E. Frost, aud., Cerro Gordo Co., building D. D. No. 40, as follows:

Main line, Sect. 2, involves 16,500 ft. of 6-38-in. tile and 12 laterals involving 19,400 ft. of 6-15-in. tile.

Sect. 5, Hammond lateral, road laterals and 22 branch laterals involving 54,300 ft. of 6-22 in. tile and 3 inlets.

Sect. 6, 22 laterals involving 55,050 ft. of 6-36-in. tile.

Sect. 7, 16 laterals, involving 43,700 ft. of 6-30-in. tile and 7 inlets.

Sect. 8, 6 laterals involving 15,600 ft. of 6-22-in. tile.

Sect. 9, 10 laterals involving 27,450 ft. of 5-28-in. tile, and 5 inlets.

Sect. 10, 12 laterals involving 23,400 ft. of 6-22-in. tile and 4 inlets.

Ia., Sac City—Drainage—Until Jan. 3, by E. W. Moyer, aud., Sac. Co., improving D. D. No. 65, involving 19,660 ft. 8-30-in. tile, 1 bulkhead and spillway, about 11 cu.yd.

Minn., Glenwood — (Official) — Ditch — Until Dec. 31, by O. Irgens, aud., Pope Co., excav. Co. Ditch No. 15, involving about 129,705 cu.yd. Noted Dec. 6.

Minn., Walker—Ditch—Until Jan. 11, by C. D. Bacon, aud., Cass Co., building Judicial Ditch No. 7 in Cass and Wadena Cos., involving 455,858 cu.yd. excav., 12 highway bridges, 1 rein.-con. culvert, clearing 100.34 acres, and building 7.41 mi. highways. About $53,438.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Pa., Beaver**—Excavation—Beaver Co. let contract 14,000 cu.yd. excav. in Moon and Center twps. to M. Baker. About $17,400.

★**Kan., Salina** — Drainage — Bd. Superv. D. D. No. 1, Salina Co., let contract building drainage system involving 87,250 cu.yd. excav., to P. C. Buskirk, Hutchinson. Noted Dec. 13.

★**Mo., Clayton** — Excavation — St. Louis Co. let contract 42,000 cu.yd. excav., to Cameron Joyce Co., Keokuk, Ia. About $18,060.

INDUSTRIAL WORKS

Proposed Work

Mass., Brockton — Sterling Motor Co., Center St., plans 2-story, 24 x 250-ft. and 24 x 280-ft. addition to plant.

Mass., Chelsea—Partner Rubber Co., 170 Summer St., Boston, had plans prepared by S. S. Eisenberg, archt., 30 Exchange Bldg., for 2-story, 50 x 135-ft. and 3-story, 50 x 60-ft. warehouse and shoddy mill. About $36,000.

N. Y., Brooklyn—Continental Varnish Co. Inc., 317 New Jersey Railroad Ave., Newark, N. J., having plans prepared by L. A. Abramson, archt., 220 5th Ave., New York City, for group factory of buildings here, including 1-story, 20 x 25-ft., 1-story, 30 x 80-ft., 1-story, 20 x 20-ft., 1-story, 20 x 25-ft., 1-story, 30 x 64 ft. About $25,000.

N. Y., Brooklyn—H. Rubin, 317 Bedford Ave., having plans prepared by H. A. Weinstein, archt., 165 Remsen St., for 1-story, 100 x 114-ft. brick garage, Snediker Ave. About $30,000.

N. Y., Brooklyn—B. Stein, 756 Flushing Ave., had plans prepared by Millman & Son, archts., 1780 Pitkin Ave., for 1-story, 50 x 100-ft. garage. About $25,000.

N. Y., New York—Duval Co., Pier 39, North River, had plans prepared by G. M. McCabe, archt., 96 5th Ave., for 4-story, 361 x 371-ft. garage, 361-371 West 12th St. About $100,000.

N. Y., New York — Sussman Holding Corp., 448 East 167th St., having plans prepared by C. Schaefer, Jr., archt., 529 Courtlandt St., for 2-story, 98 x 108-ft. garage (Bronx Boro.). About $30,000. B. Sussman, pres.

N. J., Bloomfield — Power Specialty Co., 111 Bway., New York City, plans new factory on Locust Ave., here. About $31,000.

N. J., Jersey City—Union Terminal Cold Storage Co., Provost and 12th Sts., plans addition. About $85,000.

N. J., Newark—American Can Co., 310 Elizabeth Ave., plans to build 2½-story, 100 x 240-ft. and 40 x 100-ft. brick and rein.-con. factory and office. About $286,200.

N. J., Trenton — Trenton & Mercer Co. Traction Co., 137 East State St., plans to rebuild car barns recently destroyed by fire with a loss of about $65,000. R. Johnson, pres.

Pa., Phila. — Esterbrook Pen Co., Delaware and Cooper Sts., plans to alter factory and also build new 4-story addition.

Pa., Pittsburgh — Great Atlantic & Pacific Tea Co. had plans prepared by Ballinger & Perrot, archts., 17th and Arch Sts., Phila., for 3-story, brick and rein.-con. warehouse, East Liberty St.

Del., Wilmington — Penn-Seaboard Steel Corp. plans to build addition to plant on Delaware River near here. Plans include a power house. About $2,300,000.

Md., Baltimore—U. S. Industrial Chemical Co., recently incorporated with $24,000,000 capital stock, has acquired site on Curtis Bay and plans to build factory. A. J. Carr, Baltimore, interested.

Md., Highlandtown—A. Weiskittle & Son Co., Lombard St., plans to rebuild 3 units of its plant recently destroyed by fire. About $50,000.

Va., Richmond—Montague Mfg. Co., 10th and Main Sts., plans 3-story, 90 x 145-ft. storage building. E. Rigland, pres.

Va., Roanoke—City election Feb. 12, to vote on $175,000 bonds to build 80 x 170-ft. market and assembly hall.

W. Va., Dunbar — Traction Co. plans to rebuild its barns and electric power plant, recently destroyed by fire. About $75,000.

W. Va., Wheeling—Beech Bottom Power Corp., incorporate with $400,000 capital stock, plans to buld electric plant.

West Virginia—See "Railways."

Fla., Fernandina—Fernandina Shipbuilding & Dry Dock Co., 510 Libert Bldg., Phila., purchased 30-acre site and plans to build plant here. J. A. Ryan, gen. supt.

Ala., Mobile — Chickasaw Shipbuilding Co. plans plants here. About $11,000,000. G. G. Crawford, pres.

Ky., Paducah—J. M. Buckner, 903 West Main St., Louisville, will build 5 large tobacco warehouses. Cost, between $75,000 and $100,000. Address W. R. and G. Katterjohn.

O., Akron—International Harvester Co., East Center St., plans warehouse. About $50,000.

O., Cleveland—Motor Service Co., recently incorporated, plans 2-story garage and service plant. About $150,000.

O., Hamilton — Hamilton Furnace Co., Hamilton, plans to build boiler plant, dumper and ore bridge. About $500,000. J. Kennedy, Bessemer Bldg., Pittsburgh, archt.

O., Warren—International Steel Tube & Rolling Mills, 433 Guardian Bldg., Cleveland, recently incorporated with $2,500,000 capital stock, purchased 50-acre site on Baltimore & Ohio R.R. here and plans to build 50-ton tube mill. O. R. Grimmesey, pres.

Ind., Gary—Universal Portland Cement Co., Indiana Harbor, increased capital stock from $1,000,000 to $3,500,000 and plans additions and improvements.

Ind., Indianapolis—J. W. P. Tire Co. has increased its capital stock from $300,000 to $1,000,000 and plans addition.

Ill., Cairo—Menominee Electric Mfg. Co., Menominee, Mich., has been reorganized with $600,000 capital stock, and plans to build factory here.

Ill., Chicago—Chicago Shipbuilding Co., 101st St. and Calumet Ave., had plans prepared by S. N. Crowen, archt., 30 North La Salle St., for 1- and 2-story, 100 x 120-ft. warehouse and office building. About $75,000. K. Fairbanks, pres.

Ill., Chicago — Chicago Surface Lines, North Clark St., having plans prepared for 4 car barns, 450 ft. long; also 1-story power house, and 2-story office building. About $500,000. H. B. Fleming, 105 South La Salle St., ch. engr.

Ill., Chicago—McCord & Co., 847 West 120th St., plans 1-story foundry. About $30,000.

Ill., Chicago—G. P. Nichols & Bros., 37 West Van Buren St., soon lets contract for factory. F. H. Coney, 116 West Illinois St., archt.

Ill., Chicago—Pullman Couch Co., 3759 South Ashland Ave., purchased site and plans factory. Cost between $300,000 and $500,000. J. Kramer and J. L. Scandig, owners.

Ill., Chicago — C. Quinland, 124 South Green St., plans to build 4-story factory. About $30,000.

Ill., Chicago—See "Buildings."

Ill., Moline—Deere Co., 1325 3rd St., having plans prepared by A. Echimh, archt., c/o Deere Co., for factory. About $1,000,000. F. Wharton, secy.

Ill., Joliet—Chicago & Joliet Electric Ry. plans to build substations at Osgood and St. Louis Sts., and Delwood Park. About $50,000. E. J. Andrews, Joliet, ch. engr.

Wis., De Pere—Western Steel & Mfg. Co. plans to build addition to plant and power house. About $25,000.

Wis., Gidden—Northern Wood Products Co. plans addition to power plant. About $40,000.

Wis., Madison—Southern Wisconsin Foundry Co., Pennsylvania Ave., plans to rebuild foundry recently destroyed by fire. About $50,000.

Wis., West Allis — Allis-Chalmers Co. plans addition to forge shops. About $1,000,000.

Minn., Minneapolis—Federal Steel & Mfg. Co., 1117 Metropolitan Life Bldg., soon lets contract, 1-story, 100 x 400-ft. machine shop, and 1-story, 100 x 125-ft. foundry. F. D. McClure, pres.

Minn., Minneapolis—Gas Traction Foundry Co., 2907 4th St., S.E., plans 1-story, 98 x 285-ft. brick and concrete foundry. About $75,000.

Industrial Works (Continued)

Kan., Independence — Western States Portland Cement Co. plans to improve and enlarge plant. About $250,000.

Neb., Falls City — City voted $75,000 bonds to build electric power plant.

Mo., St. Louis—Bullis Mfg. Co., 1122 South 12th St., had plans prepared for 1-story, 380 x 153 x 240-ft. factory, Calvary Ave. About $100,000. W. Levy, archt., 1815 Wright Bldg., soon lets contract. Noted Nov. 8.

Tex., Beaumont — Crystal Ice Co., 805 Pearlsteam Bldg., soon lets contract for 45 x 60-ft. ice plant. About $25,000. S. A. Spencer, mgr. M. R. Carpenter, 62 Pickering Bldg., Cincinnati, archt.

Tex., Cleburne—Texas Motor Car Assn. plans factory here. About $1,000,000. W. Ginnuth, Temple, vice pres.

Tex., Dallas—Atlas Cabinet Co. plans factory. About $30,000.

Tex., Galveston—Texas Flour Mills, 202 8th Ave., has increased its capital stock from $500,000 to $1,500,000 and plans additions.

Okla., Ardmore—Be-Saw Tire & Rubber Co., News Bldg., Canton, O., soon lets contract 5-story, 40 x 60-ft., and 90 x 300-ft. factory and boiler house. About $100,000. C. H. Be-Saw, pres. W. S. Epperson, News Bldg., Canton, O., archt.

Okla., Henryetta—Missouri, Oklahoma & Gulf R.R. having plans prepared for roundhouse and machine shop here. About $100,000. N. C. Van Natta, Muskogee, ch. engr.

Okla., Shawnee — J. W. Hogan, Tulsa, plans oil refinery. About $300,000.

Idaho, Meridian — Boise Coöperative Creamery Co., Boise, plans to build milk condensary here. About $35,000.

Utah, Salt Lake City—Utah Oil Refining Co., 703 Newhouse Bldg., plans factory. About $50,000. J. C. Howard, gen. mgr.

Ariz., Verde—See "Buildings."

Wash., Seattle—City had plans prepared by J. L. Stannard, engr., for power plant on Cedar River. Plan A, involves 9.4 mi. transmission line, cost, $2,390,630; Plan B, 11.2 mi. transmission line, $2,563,950; Plan C, 8.5 transmission line, $2,242,300; and Plan D, 8.5 transmission line, $1,919,300.

Cal., Fresno—San Joaquin Light & Power Corp., had plans prepared for power plant on King River. Cost between $1,500,000 and $2,500,000. A. G. Wishon, pres.

Cal., Martinez — American Oriental Ship Yards plan to build shipbuilding plant on 35-acre site. W. A. Boole of Moore & Scott Iron Works, Oakland, in charge.

Cal., Oakland—Hanlon Shipbuilding Co., Ft. 5th Ave., plans shipbuilding plant. About $1,000,000.

Cal., Oakland—Union Constr. Co., Oakland, plans to build shipbuilding plant.

Cal., Oroville—Great Western Power Co. purchased 1225-acre site and plans power plant. About $6,000,000.

Cal., San Francisco—International Harvester Co., 201 Potro St., having plans prepared by E. P. Antonovich, archt., 20 Montgomery St., for 4-story factory, Utah and 15th Sts. About $50,000.

Cal., San Francisco — Pacific Coast Can Co. has acquired 5 acre site and plans to build factory. About $1,000,000.

N. B., St. George—J. A. Gregory, St. John, plans to build shipyards here. About $100,000.

Ont., Pembroke — Colonial Lumber Co. plans to rebuild lumber mill recently destroyed by fire. About $75,000.

BIDS DESIRED

N. Y., Albany—(Official)—Until Jan. 8, by W. W. Wotherspoon, supt. pub. wks., Capitol, building barge canal terminal, etc., Contr. No. 207; advertised in this issue.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Conn., Waterbury—Ludington Machine Co., Printers St., let contract 3-story, 42 x 112-ft. addition to Tracy Bros., 52 Benedict St.

★**N. Y., Brooklyn**—F. H. Levy Co., 222 44th St., let contract, 2-story, 100 x 100 ft., brick ink factory, 2nd Ave. and 45th St., to F. J. Ashfield, 350 Fulton St., $30,000.

★**N. Y., Brooklyn**—National Biscuit Co., 10th Ave. and 15th St., New York City, let contract 4-story, 112 x 135-ft. rein.-con. factory, Front and Jay Sts., to Turner Constr. Co., 244 Madison Ave., New York City.

★**N. Y., New York**—Merrill Spring Co., 525 West 27th St., let contract for addition and alterations to factory, to Standard Concrete Steel Co., 105 West 40th St., $40,000.

★**N. J., Harrison**—Swift & Co., 154 9th St., Jersey St., let contract, 1-story, 164 x 500-ft. fertilizer plant here, to Schaedel & Bro. Co., 118 Bruce St., Newark, $50,000.

★**N. J., Newark**—A. Kertez, 571 South 17th St., let contract for garage to Newark Constr. & Investment Co., 800 Broad St., $38,000.

★**N. J., Newark**—Tidewater Warehouse Co. let contract, 4-story, 70 x 163-ft. brick and rein.-con. warehouse on Blanchard St., to F. Kilgus, Inc., 13 South 6th St. About $75,000.

★**Pa., Phila.**—Espen-Lucas Machine Co., Front and Girard Sts., let contract, 1-story, 44 x 141-ft. brick machine shop, to Austin Co., Bulletin Bldg., $29,000.

★**Pa., Phila.**—Phila. & Reading Ry. let contract building engine house and machine shop, Tulip and Emerson Sts., to W. Steel & Sons Co., 30 South 15th St., $326,183. Noted Dec. 6.

Pa., Phila.—B. F. Shaw let contract, 1-story, 50 x 270-ft. factory, to Austin Co., Bulletin Bldg., $25,000.

★**O., Bucyrus**—American Clay Machinery Co. let contract, 1-story, 100 x 250-ft. munition plant, to Austin Co., 14230 Euclid Ave., Cleveland. About $60,000.

★**O., Cleveland**—Brown Hoisting Machy. Co., 4403 St. Clair Ave., let contract 1-story, 52 x 182-ft. shipping building to Austin Constr. Co., 14230 Euclid Ave. About $134,300.

★**Ind., Greencastle**—Hurst & Co., 134 South Pennsylvania Ave., Indianapolis, let contract 3- or 4-story, 90 x 116-ft. distributing building and warehouse, to A. E. Kenner, 744 North 7th St., Lafayette.

★**Mich., Detroit** — Studebaker Corp., Brush and Piquette Sts., let contract, 4-story, 50 x 235-ft. factory, to Bryant & Detqiler, 2336-39 Dime Bank Bldg., $175,000.

★**Ill., Chicago** — Chicago Bearing Metal Co., West 43rd St., let contract 1-story, 102 x 226-ft. brick addition, to Scharmer Constr. Co., 139 North Clark St.

★**Ill., Chicago**—Hughes Electric Heating Co., Waller and Taylor Sts., let contract 1-story brick factory to Lubd Constr. Co., Chicago, $30,000.

★**Ill., Chicago** — W. Wallet, Jr., 2249-53 Calumet Ave., let contract, 4-story, brick warehouse, to Erickson Constr. Co., 7147 Evans St. About $60,000.

★**Ill., Quincy**—Reliable Incubator Co., 29th and Chestnut Sts., let contract 2-story, 100 x 160-ft. warehouse, to G. Lange & Son, 1100 Wash St.

★**Wis., Beloit**—Gardner Machine Co. let contract warehouse and pattern storage to Newton Eng. Co., 185 Mason St., Milwaukee. About $40,000.

★**Wis., Eau Claire**—United States Auto Gear Shift Co., let contract, 4-story, 65 x 80-ft. rein.con. and brick plant and 20 x 65-ft. office, to R. L. Rickman, Eau Claire. Noted Nov. 29.

★**Wis., Milwaukee** — G. H. Smith Steel Casting Co., 500 Clinton St., let contract 45 x 100-ft. brick addition to foundry and 4-story, 75 x 100-ft. brick pattern storehouse and office to Klug & Smith, Mack Block.

★**Kan., Salina**—Robinson Milling Co. let contract brick and rein.-con. flour mill and elevator, to Eberhardt Constr. Co. About $250,000. Noted Dec. 13.

★**Okla., Tulsa**—H. E. Bagley let contract 3-story, 50 x 140-ft. garage, to W. E. Carlett, Vinita, $25,000.

Wash., Grand Mound—See "Buildings."

★**Wash., Tacoma**—Griffith Motor Co. let contract building 3-story, 50 x 120-ft. brick and rein.-con. garage to J. E. Bonnell, 760 Commerce St. About $35,000.

★**Cal., Hanford**—Hanford Mfg. Co., Irwin St., let contract brick plant, to Trewhitt & Shields, Rowell Bldg., Fresno. About $25,000.

BUILDINGS

Proposed Work

Vt., Springfield — Hospital — Springfield Hospital soon lets contract, 2-story, 40 x 65 ft. About $50,000. H. L. Walker, 19-25 West 44th St., New York City, archt.

Mass., Boston—Police Station—City having plans prepared by J. McGinniss, archt., 16 Arlington St., for 6-story. About $1[illegible],000.

Mass., Boston—State—State having plans prepared by J. H. Ritchie, archt., 8 Beacon St., for state building on Eastern States Agricultural and Industrial Exposition site. About $50,000.

Mass., Fall River—Hospital—City plans tuberculosis hospital. About $225,000. C. Johnson, secy. bd. Trustees Municipal Hospitals and Dispensaries. Fellows & McLaughlin, 87 Weybosset St., Providence, R. I., archt.

R. I., East Providence—Club—Metacomet Golf Club, Pawtucket Ave., had plans prepared by W. R. Walker & Son, archts., 13 Custom House, Providence, 3-story, 40 x 100-ft. About $50,000.

N. Y., Hempstead — (Official) — Town Hall—F. C. Gilbert, town clk., will receive preliminary sketches until Jan. 29 for town hall. About $70,000.

N. Y., New York—Cupola—City had plans prepared by J. McComb, Jr., archt., rebuilding City Hall cupola recently destroyed by fire. About $61,500.

N. J., Jersey City—Station—Hudson & Manhattan R.R., 30 Church St., New York City, plans on Henderson St. About $25,000. W. Fiske, pres.

N. J., New Lisbon—Institution—State appropriated $106,000 for additions to Institution for Feeble-Minded.

N. J., Northfield—Asylum—Bd. Freeholders, Atlantic Co., Mays Landing, having plans prepared by S. H. Vaugh, archt., Guarantee Trust Bldg., Atlantic City.

N. J., Skillman—Hospital—State appropriated $104,291 to build additions to Epileptic Village here. D. F. Weeks, supt.

Pa., Harrisburg—School—Bd. Educ. having plans prepared by V. T. Ritter, archt., North American Bldg., for brick and stone. About $400,000.

Ill., Chicago — Office—See "Industrial Works."

Ill., Chicago—Theater—B. and A. J. Balaban and M. and S. Katz, having plans prepared by C. W. and G. L. Rapp, archts., 69 Washington St., for 5-story, West 12th St. About $750,000.

Ill., Chicago—Theater and Mercantile—W. W. Ahlschalger, 111 West Washington St., plans 10-story, 150 x 200-ft. About $335,000.

Wis., Ashland — Sanitarium — Ashland, Iron and Bayfield Cos. plan to build. About $100,000.

Wis., Madison—Hotel—Kletzsch Realty Co. having plans prepared by Claude & Starek, archts., for 7-story, brick and rein.-con. About $350,000.

Wis., Milwaukee—Auditorium — Milwaukee Auditorium Co., 5th and Cedar Sts., soon lets contract repairing and altering. About $60,000. J. C. Grieb, mgr. A. C. Clas, Colby Abbott Bldg., archt.

Wis., Rice Lake—Hospital — St. Joseph Hospital, having plans prepared by H. Wilhagen, archt., 513 West 2nd St., Ashland, for 3-story. About $65,000.

Ia., Des Moines—Court House—Polk Co. having plans prepared for 3-story, 82 x 178-ft. with 60 x 42-ft. wing. About $200,000. F. J. Alber, co. aud. Sawyer & Watrous, archts., 303 Youngerman Bldg., and Kraetsch & Kraetsch, S & L Bldg., associate archts.

Ia., Grandview—School—Bd. Educ. having plans prepared by Keffer & Jones, archts., Youngerman Bldg., Des Moines. Bonds for $73,000 voted for project.

Ia., Spencer—School—Bd. Educ. soon lets contract for alteration and addition. About $70,000. J. D. Chubb, 109 North Dearborn St., Chicago, archt.

Minn., Minneapolis—School—Bd. Educ. soon lets contract for Longfellow School, 30th Ave. South, and 31st St., 2-story, rein.-con. and brick. R. C. L. Haxby, City Hall, archt.

Minn., Owatonna — High School — City election soon to vote on $100,000 bonds to build high school.

Minn., St. Paul—Courthouse, etc. — City plans. About $500,000. H. McColl, comr. pub. safety.

Minn., Waconia—High and Grade School—Bd. Educ. receives bids in February for 2-story, 60 x 110-ft. K. T. Snyder, 1133 Plymouth Bldg., Minneapolis, archt.

Kan., Concordia—See "Industrial Works."

Buildings (Continued)

Kan., **Kansas City**—Passenger Station—Kansas City Terminal Ry. receives bids about Jan. 1, for station on 7th St. and Union Pacific tracks. About $100,000. J. N. Hanna, Union Station, Kansas City, Mo., en. engr. A. H. Buckley, 823 Gloyd Bldg., Kansas City, Mo., archt.

Kan., **Leavenworth**—Community — City voted $50,000 bonds to build community building. T. B. Bolman, pres. bd. educ.

Kan., **Wichita**—Church—First Methodist congregation plans 1-story. About $100,000. O. A. Boyle, 125 North Rock Island Ave., secy. bd. J. Gaisford, Goodwyn Institute Bldg., Memphis, Tenn., archt.

Neb., **Omaha**—Church and Parish House—Central congregation having plans prepared by G. B. Puntz, archt., 4033 Omaha Natl. Bank Bldg. About $140,000. G. B. Payne, chn. bldg. com.

S. D., **Groton**—High and Grade School—Bd. Educ. having plans prepared by F. Broomhall, archt., Alworth Bldg., Duluth, Minn., for 2-story. About $75,000.

Mont., **Bozeman**—Office — E. B. Martin and E. P. Tipton plan to build on Curtis St. and 3rd Ave. About $50,000.

Mo., **Kansas City**—Temple—Ivanhoe Masonic Lodge had plans prepared by Smith, Rea & Lovett, archts., 602 Finance Bldg., for 3-story, 90 x 125-ft. stone and rein.-con. About $175,000. J. O. Christense, 3131 Campbell St., chn. bldg. com. Noted Nov. 22.

Mo., **Kansas City**—Theater—A. E. Elliott, 105 East 12th St., having plans prepared by C. B. Sloan, archt., 321 East 11th St., for 1-story, brick, terra cotta, and rein.-con. About $50,000.

Tex., **Dallas**—Office — Texas & Pacific R.R. plans 6-story addition, Elm and Griffin Sts. E. F. Mitchell, Dallas, ch. engr.

Tex., **San Antonio**—Office—Central Trust Co., 210 West Commerce St., plans 12-story, rein.-con., Houston and Navaro Sts. About $400,000.

Okla., **Ardmore**—Bank—1st Natl. Bank, Ardmore, having plans prepared by Hoggson Bros., archts., 485 5th Ave., New York City, for 1-story, 50 x 98-ft. About $120,000. D. Lucy, pres.

Colo., **Colorado Springs**—Sanatorium—Modern Woodman Sanatorium having plans prepared for new buildings and other improvements. About $100,000. J. A. Rutledge, supt.

Utah, **Salt Lake City**—Temple—Logan Temple plans to rebuild temple recently damaged by fire. About $100,000.

Ariz., **Verde**—(Liberty P. O.)—Business, etc.—United Verde Extension Mining Co. having plans prepared by Lescher & Kibbey, archts., Phoenix, for concrete and brick business buildings, residences, sewers, water and electric lighting systems for town of 2000 people to be built on new townsite near smelter. About $2,000,000.

Wash., **Olympia**—High School—Bd. Educ. soon lets contract, 2-story, brick. William Winlock Miller High School. About $100,000.

Ore., **Baker**—Swimming Pool—City defeated $54,000 bonds for swimming pool. Noted Nov. 29.

Cal., **Los Angeles**—Office — Los Angeles Stock Exchange Co., I. W. Hellman Bldg., having plans prepared by Train & Williams, archts., Exchange Bldg., for 19-story.

Ont., **Toronto**—Restaurant—Childs Co., 200 5th Ave., New York City, had plans prepared by Amsterdam Bldg. Co., Inc., archts., 140 West 42nd St., New York City, for restaurant on Yonge St. here. About $100,000.

BIDS DESIRED

N. Y., **Brooklyn** — (Official) — Nurses' Home—Until Dec. 31, Dept. Pub. Charities, Municipal Bldg., New York City, for addition on grounds of Kings Co. Hospital. J. A. Kingsbury, comr.

N. Y., **Greycourt** — (Official)—Colony—Until Dec. 27, by B. G. Lewis, comr. dept. of correction, Municipal Bldg., New York City, building women's farm colony, buildings to be 4-story, 404 x 400 and 40 x 200 ft. About $225,000. Noted Nov. 8.

N. Y., **New City**—(Official)—Hospital—Until Dec. 27, by Rockland Co. Comrs., for tuberculosis hospital, 2-story, 28 x 200-ft., at Summit Park. About $55,000. Tooker & Marsh, 101 Park Ave., New York City, archts. Noted Nov. 22 under Suffern.

Pa., **Phila.**—(Official)—Elevated Railway Stations—Until Dec. 27, by W. S. Twining, dir. Dept. of City Transit, for brick and rein.-con., Contr. Nos. 535 and 536. Advertised in this issue.

O., **Cleveland**—(Official)—School—Until Jan. 7, by clk. Bd. Educ., Rockwell Ave. and East 6th St., completing North Doan School Annex. About $100,000.

O., **Lima**—(Official)—Community House—Until Dec. 24, by J. Behr, 1201 North Main St., for 3-story, 101 x 146-ft. About $85,000. A. C. De Curtins, 503 Opera House Blk., archt. Noted Dec. 13.

S. D., **Huron**—(Official) — Junior High School—Until Jan. 16, by Bd. Educ. W. Habel, clk. Miller, Fullenwider & Dowling, 6 North Michigan Ave., Chicago, archts.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Mass., **Northampton**—Infirmary—Smith College, let contract, 2½-story, 80 x 95-ft., to D. A. Sullivan, 353 Prospect Heights. Cost, between $65,000 and $80,000. Noted Oct. 25.

Mass., **Springfield**—School—Bd. Educ. received lowest bid building Carew Street school, from D. W. Mellen Co., 293 Bridge St., $53,532.

★Conn., **Hartford**—School—Bd. Educ. let contract addition in Washington School Dist., to Ahern & Welch, Inc., 721 Main St. About $69,990.

★N. Y., **Brooklyn**—Bank—Metropolitan Trust Co., 60 Wall St., New York City, let contract additions and alterations on Fulton St., to W. Kennedy Constr. Co., 215 Montague St. About $50,000.

★N. Y., **New York**—Office—W. R. Grace Co., 7 Hanover Sq., let contract 7-story, 42 x 112-ft. brick and rein.-con., on Pearl St., to Whitney Co., 101 Park Ave. About $250,000. Noted Nov. 29.

★N. Y., **New York**—Theater and Office—Wendell Estate, 175 Bway., let contract 6-story, 100 x 268-ft. brick, to Fleischmann Constr. Co., 531 7th Ave.

★N. J., **Jersey City**—Nurses' Home and Hospital—City let contract, addition to Jersey City Hospital, to W. H. & F. W. Cane, Woolworth Bldg., New York City, $800,000. Noted Nov. 29.

★Pa., **Harrisburg**—Junior High School—Bd. Educ. let contract, 19th and Chestnut Sts., to A. Wildman, Harrisburg, $272,000.

★Mich., **Detroit** — Hospital—Ford Hospital, Hamilton and Grant Blvds., let contract addition, to A. A. Albrecht Co., 1130 Penobscot Bldg., $1,500,000.

★Ill., **Monmouth**—Y. M. C. A. let contract, 3-story, 75 x 100-ft., to A. W. Stoolman, Champaign, $75,000. Noted June 14.

Ia., **Corinth**—School—Bd. Educ. received low bid Nov. 26, for 2-story, brick and rein.-con., from W. F. Kucharox Co., 622 Hubbell Bldg., Des Moines. About $55,580. Noted Nov. 22.

★Ia., **Spirit Lake**—Home—Knight Templars, of Iowa, let contract to J. B. Nelson & Son, Mankato, Minn., $100,000. Noted Aug. 9.

★Ia., **Strahan**—School—Bd. Educ., Consolidated Dist., let contract, 2-story, 82 x 86-ft. cut stone, rein.-con. and terra cotta, to J. Welch, Nebraska City, Neb., $50,000. Noted Nov. 15.

★Minn., **Rochester**—Store and Hotel—Knowlton Realty Co., let contract, 6-story, 100 x 140-ft. to G. Schwartz & Co., Stebbins Bldg., Rochester, $275,000. Noted Oct. 18.

Wash., **Grand Mound**—Cottage, Etc.—State Bd. Control, Olympia, received lowest bid building cottage and power plant from Warrack Constr. Co., Arcade Bldg., Seattle, $69,500. Noted Nov. 22.

Wash., **Olympia**—Temple—State received lowest bid building temple of justice from E. G. Peters Co., Seattle, $197,118. Noted Nov. 15.

★Cal., **Brawley**—Hotel — Brawley Hotel Corp. let contract, 3-story, 95 x 150-ft., to Milwaukee Bldg. Co., Wright & Callendar Bldg., Los Angeles. About $85,000.

FEDERAL GOVERNMENT WORK

Proposed Work

Pa., **Phila.**—Plumbing — Bureau Yards and Docks, Navy Dept., Wash., preparing plans for plumbing in various buildings. About $25,500; Specifications No. 2753.

Wash., **D. C.**—Dry Kiln and Transfer Table—Bureau Yards and Docks, Navy Dept., Wash., having plans prepared. About $20,000; Specification No. 2744.

Va., **Norfolk**—Asphalt — Bureau Supplies and Accounts, Navy Dept., Wash., soon receives bids furnishing at Navy Yard, Norfolk, 300,000 lb. asphalt paving in oil barrels; 300,000 lb. No. 1, refined Trinidad asphalt and 300,000 lb. Val der Travers asphalt; Schedule No. 1610.

Cal., **Mare Island**—(Vallejo P. O.)—Stone—Bureau Supplies and Accounts, Navy Dept., Wash., soon receives bids furnishing at Navy Yard, Mare Island, 36,000 tons broken stone, Schedule No. 1634.

BIDS DESIRED

Mass., **Chelsea**—Roads—Until Jan. 14, by Bureau Yards and Docks, Navy Dept., Wash., building roads for Naval Hospital. About $15,000; Specification No. 2751.

N. Y., **Brooklyn** — Superstructure to Power House—Until Jan. 7, by Bureau Yards and Docks, Navy Dept., Wash., building at Naval Hospital, Brooklyn; Specification No. 2585.

Pa., **Ft. Mifflin**—Wooden Pier and Bulkhead—Until Dec. 24 (Extension of date) by Bureau Yards and Docks, Navy Dept., Wash. Noted Dec. 13.

Md., **Annapolis** — Laundry Equipment, Etc.—Until Jan. 7, by Bureau Yards and Docks, Navy Dept., Wash., furnishing at Bancroft Hall, Annapolis. About $38,500; Specification No. 2743.

La., **Barataria**—Radio Towers and Tanks—Until Jan. 21, by Bureau Yards and Docks, Navy Dept., Wash., building at Barataria Bay. About $35,000; Specification No. 2686.

Kan., **Eldorado**—Post Office—Until Jan. 15 (extension of date) by J. A. Wetmore, superv. archt., treas. dept., Wash. Noted Dec. 6.

Cal., **Bakersfield**—Post Office—Until Jan. 7, by J. A. Wetmore, superv. archt., treas. dept., Wash.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★R. I., **Melville** — Dredging — Bureau Yards and Docks, Navy Dept., Wash., let contract dredging at U. S. Naval Coal Depot, to J. S. Packard Dredging Co., 1004 Turks Head Bldg., Providence, $27,000. Noted Dec. 6.

★R. I. **Newport**—Garage—Bureau Yards and Docks, Navy Dept., Wash., let contract building at Naval Training Sta., to T. F. Keeher, Harrison Ave., $11,997. Noted Dec. 13.

★Conn., **New London**—Cranes—Bureau Yards and Docks, Navy Dept., Wash., let contract 5-ton electric crane, to Penn Bridge Co., Beaver Falls, Pa., $7500; 2 hand power cranes, to Cameron Eng. Co., East Stroudsburg, Pa., $900. Noted Dec. 13.

★Pa., **Ft. Mifflin**—Ammunition Box Repair House and Central Heating Plant—Bureau Yards and Docks, Navy Dept., Wash., let contract, to Ward-Yardley Co., 1737 Filbert St., Phila., $47,168. Noted Dec. 13.

Pa., **Fort Mifflin**—Chief Gunners Quarters—Bureau Yards and Docks, Navy Dept., Wash., received bids building at Naval Ammunition Depot (a) work complete (b) work complete using airlock brick for exterior walls from grade to 2nd floor level (c) common brick for exterior walls to 2nd story level from Evans Constr. Co., 9 South 18th St., Phila., (a) $9972; (b) $10,272; (c) $10,222; Dawson Constr. Co., May Bldg., Pittsburgh, (a) $10,500; (b) $12,500; (c) $12,000; W. W. Austine & Co., 1218 Filbert St., Phila., (a) $13,945; (b) $14,149; (c) $14,121.

★Pa., **Ft. Mifflin**—Marine Barracks—Bureau Yards and Docks, Navy Dept., Wash., let contract building at Naval Sta., to Dawson Constr. Co., May Bldg., Pittsburgh, $66,000. Noted Dec. 13.

★Pa., **Ft. Mifflin**—Office—Bureau Yards and Docks, Navy Dept., Wash., let contract to Barney-Ahlers Constr. Co., West 40th St., New York City, $17,500. Noted Dec. 13.

★Pa., **Phila.** — Cranes — Bureau Yards and Docks, Navy Dept., Wash., let contract installing in Galvanizing Plant at Navy Yard, to Penn Bridge Co., Beaver Falls, $19,900.

★Pa., **Phila.**—Heating System—Bureau Yards and Docks, Navy Dept., Wash., let contract installing heating system in foundry, to Mathis Bros., Archer and Canal St., Chicago, $49,000. Noted Dec. 13.

★Pa., **Pittsburgh** — Warehouse — War Dept., Brig. Gen. I. Littell, Wash., let contract to Austin Co., Bulletin Bldg., Phila.; cost plus percentage.

Federal Government Work (Continued)

★**Md., Baltimore**—Hospital—War Dept., Surgeon General's Office, Wash., let contract to J. H. Miller, Baltimore; cost plus percentage.

★**Md., Indian Head**—Extension to Power House—Bureau Yards and Docks, Navy Dept., Wash., let contract, to Austin Co., Bulletin Bldg., Phila. About $40,000; cost plus percentage. Noted Nov. 29.

★**Md., Indian Head** — Blending Towers —Bureau Yards and Docks, Navy Dept., Wash., let contract 2 blending towers, to Austin Co., Bulletin Bldg., Phila. About $78,000; cost plus percentage.

Md., Indian Head—Magazine Buildings —Bureau Yards and Docks, Navy Dept., Wash., let contract for 2 magazine buildings, to Austin Co., Bulletin Bldg., Phila. About $80,000; cost plus percentage.

★**Md., Indian Head**—Pulping and Poaching House—Bureau Yards and Docks, Navy Dept., Wash., let contract, to Austin Co., Bulletin Bldg., Phila. About $34,000; cost plus percentage.

★**Md., Indian Head**—Quarters—Bureau Yards and Docks, Navy Dept., Wash., let contract 5 sets of quarters, to Austin Co., Bulletin Bldg., Phila. About $35,000; cost plus percentage.

★**Wash., D. C.**—Cranes—Bureau Yards and Docks, Navy Dept., Wash., let contract furnishing three 50-ton locomotive jib cranes in Norfolk, Va., Phila. and New York Navy Yards to Penn Bridge Co., Beaver Falls, Pa., $393,480. (One for each Navy Yard.) Noted Dec. 6.

Wash., D. C.—Electric Traveling Cranes —Bureau Yards and Docks, Navy Dept., Wash., received bids (a) work complete (b) (c) and (d) alternate bids from Manning, Maxwell & Moore, Inc., 119 West 40th St., New York City, (a) $35,924; Chesapeake Iron Wks., Westport, Md., (d) (one 25-ton motor crane) $15,500, two 10-ton motor cranes, $17,200; Niles, Bement Pond Co., 111 Bway., New York City (b) $26,250, (d) $16,550. (f) (alternate bid) $16,400; Cleveland Crane & Eng. Co., Wickliffe, O., (b) $29,245, (d) $16,150. Noted Dec. 13.

Wash., D. C.—Motor Generator Sets—Bureau Yards and Docks, Navy Dept., Wash., received low bids furnishing at Phila., Norfolk, Va., New York and Wash., D. C., Navy Yards as follows: Item 1, net price of equipment as specified for substation New York Navy Yard, item 2, net price equipment for substation 12 New York Navy Yard, item 3, net price equipment for substation north of new foundry, Phila. Navy Yard, item 4, net price equipment on fitting-out pier Phila. Navy Yard, item 5, net price equipment in machine shop, Norfolk Navy Yard, item 6, net price equipment on fitting-out pier Norfolk Navy Yard, item 7, net price for 3 motor-generator sets for substation in Gun Shop, Wash., D. C., Navy Yard, item 8, alternate bid—1a, 2a, 3a, 4a, 5a, 6a, 7a, 8a, reduction omitting all factory inspection tests and substituting regular routine tests; from Westinghouse Electric Mfg. Co., 803 Hibbs Bldg., Wash., D. C., (1) $14,410, (2) $8628, (3) $25,016, (4) $25,016, (5) $19,152. (6) $26,148. (7) $33,320. (8) $29,245, 1a to 8a lump sum $5300.

Allis-Chalmers Mfg. Co., Milwaukee, Wis., (1) $16,475, (2) $9930, (3) $31,440, (4) $31,440, (5) $20,680, (6) $31,440, (7) $31,220, (8) $36,490, (1a) $16,275, (2a) $9730, (3a) $31,040, (4a) $31,040, (5a) $20,280, (6a) $31,040; (7a) $30,470, (8a) $35,740.

Burke Electric Co., 12th and Cramberry St., Erie, Pa., (1) $19,171, (2) $10,150; (3) $27,310, (4) $27,310, (5) $24,728, (6) $27,338, (7) $41,634, (1a) deduct $500, (2a) deduct $500, (3a) deduct $500, (4a) deduct $500, (5a) deduct $500, (6a) deduct $500, (7a) deduct $500.

Wash,. D. C.—Range Finding Tower and Reconstruction of Buildings Nos. 105 and 112—Bureau Yards and Docks received bids Dec. 17 installing at Navy Yard, Wash., (a) work complete (b) amount deducted from (a) if new roofs of additions are omitted and existing roofs are raised (c) amount added or deducted from (a) and (b) if concrete piles are substituted for wood piles (d) amount to be added or deducted if reinforced concrete frame is substituted for steel frame of extenson (e) amount added or deducted if asbestos roofing is substituted for pitch and gravel (or slag) (f) amount added or deducted from (a) and (b) if air-lock brick is substituted for brick and terra cotta tile (g) amount added or deducted if steel toilet partitions are substituted for slate (h) amount deducted if interior is simplified (i) amount deducted from (a) and (b) if all lathing and plastering included here are omitted except in 6th story of extension, (j) price per lin.ft. wood piles in place over or under length specified price for all wood piling as specified from:

Richardson & Burgess, Inc., 616 Colorado Bldg., Wash., (a) $293,248, (b) deduct $13,268, (c) add $2188, (d) deduct $3144, (e) add $650, (f) deduct $2104, (g) deduct $100, (h) deduct $1087, (i) deduct $14,851, (j) $3392, $0.69 per ft.

Warren Moore & Co., Colonial Bldg., Phila., (a) $332,721, (b) deduct $27,400, (c) add $2800, (d) deduct $8151, (e) add $524, (f) add $2000, (g) deduct $2000, (h) deduct $1000, (i) deduct $20,000, (j) add $0.45 deduct $0.35. Noted Dec. 13.

Boyle-Robinson Constr. Co., 601 Evans Bldg., Wash., (a) $334,202, (b) deduct $1900, (c) add $3175, (d) deduct $7000, (e) add $750, (f) add $1000, (h) deduct $1000, (i) deduct $2500, (j) add $0.45 deduct $0.35. Noted Dec. 13.

Wash., D. C.—Seaman Gunner's Quarters—Bureau Yards and Docks, Navy Dept., Wash., received bids Dec. 17: (a) work complete; (b) amount added or deducted from (a) if air-lock brick is substituted for face brick; (c) amount added or deducted if selected common brick is substituted for face brick (d) amount added or deducted if artificial stone is substituted for Indiana limestone (e) amount added or deducted if asbestos roofing is substituted for pitch and gravel; (f) amount added or deducted if gypsum block is substituted for hollow terra cotta tile; (g) amount added or deducted if metal sash and frames are substituted for wood sash and frames of basement; (h) amount added or deducted if metal casement sash and frames are substituted for all wood sash and frames above basement; (i) amount added or deducted if wood counterbalanced windows are substituted for all windows shown above basement; (j) amount added or deducted if metal counterbalanced windows are substituted for all windows shown above basement; (k) amount added or deducted if metal covered doors and frames are substituted for wood doors and frames in all exterior door openings (l), (m), and (n) are alternate bids on government specifications, from:

Summer Sollitt Co., Pullman Bldg., Chicago, (a) $150,000; (b) add $2000; (c) deduct $2500; (d) deduct $100; (e) add $300; (f) deduct $500; (g) add $3000; (h) add $11,000; (i) deduct $1000; (j) add $4000; (k) add $2300; (l) deduct $300; (m) $1.50; (n) $0.05.

Warren Moore & Co., Colonial Trust Bldg., Phila., (a) $58,155; (b) add $3600; (c) deduct $2934; (d) deduct $593; (e) add $350; (g) add $1273; (h) add $7575; (i) add $300; (j) add $1700; (k) add $710; (l) deduct $300; (m) $7700; (n) $625.

King Lumber Co., Charlottesville, Va., (a) $174,174; (b) $175,474; (c) $173,474; (d) $174,874; (e) $174,974; (f) $174,174; (g) $176,474; (h) $181,474; (i) $176,474; (j) $177,474; (k) $178,474; (l) $178,474; (m) $1.00; (n) $0.15 per sq.ft.

★**Wash., D. C.**—Structural Steel—Bureau Yards and Docks, Navy Dept., Wash., rescinded contract let to Pittsburgh Des Moines Steel Co. for structural steel for Seaplane Hangar, Hampton Roads, Va., and relet same to Richmond Structural Steel Co., 18th and Dock St., Richmond, Va., $20,390. Noted Nov. 22.

Fla., Key West—Tank and Tower—Comr. Fisheries Dept., Wash., D. C., received bids Dec. 6 building at Biological Sta., from Williams-Gerstle Eng. Co., 198 Bway., New York City, $4737; time, 90 days. Simmons, Hartenstein & Whitten, Inc., Charlotte, N. C., $6662; time, 90 days. Noted Nov. 29.

★**Fla., Pensacola**—Wells and Pumping Machinery—Bureau Yards and Docks, Navy Dept., Wash., let contract installing at Navy Aëronautic Sta., to Layne & Bowler Co., Randolph Bldg., Memphis, Tenn., $17,900.

★**Ia., Des Moines**—Hospital—War Dept., Surgeon General's Office, Wash., let contract to C. Weitze & Son, 713 Mulberry St.; cost plus percentage.

★**Mo., St. Louis** — Warehouse — War Dept., Brig. Gen. I. Littell, Wash., let contract to Westlake Constr. Co., 713 Locust St.; cost plus percentage.

Tex., Denton—Post Office — J. A. Wetmore, superv. archt., treas. dept., Wash., received bids Dec. 17, from Dreher Constr. Co., Marquette Bldg., Chicago, $56,961; J. H. Wiese, 1301 City Natl. Bank Bldg., Omaha, Neb., $58,340; J. F. McKnight, Hallettsville, $59,300. Noted Nov. 8.

Cal., Mare Island—(Vallejo P. O.)—Incinerator—Navy Yard, Mare Island, received bids building at Marine Barracks, Navy Yard, from Universal Eng. Co., 462 Fillmore St., San Francisco, (a) $[illegible] time 75 days; (b) 5444—75 days; (c) $5283—55 days; (d) $6237—75 days; (e) $5444—75 days; (f) $5283—55 days. Borge Incinerator Corp., 1216 Flatiron Bldg., New York City, (a) $7527—45 days; (b) $5902—45 days; (c) $4940—30 days; (d) $7527—45 days; (e) $5902—45 days; (f) $4940—30 days. W. McCanse, 1000 Natl. Bank Bldg., Durant, Okla., (a) $8869—60 days; (b) $6369—60 days; (c) $6110—45 days; $8800—60 days; (f) $[illegible]—45 days. Noted Nov. 15.

MISCELLANEOUS

Proposed Work

Pier and Bulkhead—Brooklyn, N. Y.—Todd Shipyards Corp., 15 Whitehall St., New York City, having plans prepared for timber pier and bulkhead, 25 ft. wide, south of 22nd St. About $65,000.

Signal Tower, etc.—Norristown, Pa.—Phila. & Reading R.R. plans signal tower, battery house and 2 signal bridges here. S. T. Wagner, Reading Terminal, Phila., ch. engr.

Terminal—Cape Charles, Va. — Pennsylvania R.R. acquired 3000-ft. site on Little Creek near here and plans to build deep water terminal. A. C. Shand, Broad St. Sta., Phila., ch. engr.

Tunnel — Henderson, Tenn.—(Official)—Gulf, Mobile & Northern R.R. having plans prepared by Coverdale & Colpitts, engrs., 66 Bway., New York City, for 500 ft. tunnel to be driven on new extension in Chester Co. B. V. Wright, Laurel, Miss., ch. engr.

Retaining Wall—Cleveland, O.—(Official)—City granted Cleveland, Cincinnati, Chicago & St. Louis R.R. permission to build rein.-con. retaining wall along 11th St. C. A. Paquette, Cincinnati, ch. engr.

Dumper—Hamilton, O.—See "Industrial Works."

Levee Improvement—Spirit Lake, Ia.—Dickinson Co. sold $500,000 bonds for levee improvements. A. MacDonald, co. aud.

Dam Repairs—Delta, Colo.—Secy. Delta Enterprise Ditch Co. soon lets contract repairing dam across Snyder Gulch near here.

Transmission Line—Wash., Seattle—See "Industrial Works."

Dykes—Montreal, Que. — See "Water-Works."

BIDS DESIRED

Transmission Line—Fremont, N. C.—Until Jan. 3, by F. B. Mayo, mayor, building 40-mi. transmission line, including sub-station, arc light and distributing systems. B. O. Austin, Raleigh, engr.

Bulkhead and Spillway—Sac City, Ia.—See "Excavation and Dredging."

Dam—Eureka, Kan.—Until Dec. 27, by City. About $30,000. J. W. Kenner, clk.

Dam—Calgary, Alta.—Until Jan. 15, by Alberta Hydro-Electric Co., Ltd., Dominion Bank Bldg., building several power dams along Bow River; advertised in this issue.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Approach Work—St. George, S. I., N. Y.—C. D. Van Name, pres. Richmond boro., received bids for approach work for additional court house in Richmond Co., on Jay and DeKalb St. and Stuyvesant Pl., from J. M. Knopp, 544 West 43rd St., New York City, $51,994; P. T. Cox Contg. Co., 154 Nassau St., New York City, $53,400; P. J. Carlin Constr. Co., 1123 Bway., New York City, $54,792.

★**Ore Dock — Superior, Wis.** — Great Northern Ry., Co. let contract to A. Guthrie & Co., Inc., 366 Jackson St., St. Paul, Minn. About $1,000,000.

★**Portland Cement—Minneapolis, Minn.**—(Official)—City let contract furnishing 100,000 bbl. cement, to Landers, Morrison, Christenson Co., Plymouth Ave. and North 1st St., $2.48 per bbl.; 25,000 bbl. Hydraulic Pressed Brick Co., 211 South 4th St., $2.48 per bbl.; 5c. per barrel discount for cash in 10 days. Noted Nov. 22.

★**Elimination of Grade Crossings—Dallas, Tex.—(Official)**—Missouri, Kansas & Texas R.R. let contract grade separation at Lemmon Ave., Cedar Springs Rd. and Maple Ave., raising present undergrade crossings at Quick Hall and Bowen Sts., to List & Gifford Constr. Co., 216 Dwight Bldg., Kansas City, Mo. About $350,000.

★**Dock—Seattle, Wash.**—Great Northern Ry. let contract extension to dock, to Grant, Smith & Co., Pioneer Bldg., St. Paul, Minn. About $50,000.